

DNAXPAb

Hard-to-Find
Antibody

RASSF1 DNAXPab

Catalog # H00011186-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RASSF1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MGEAEAPSFEMTWSSTTSSGYCSQEDSDSELEQYFTARTSLARRPRRDQDEPVEWETPDLSQ AEIEQKIKEYNAQINSNLFMSLNKDGSYTGFIKVQLKLVVPVSVPSKKPPSLQDARRGPGRGTSV RRRTSFYLPKDAVKHLHVLRSRTRAREVIEALLRKFLVDDPRKFALFERAERHGQVYLRKLLDDE QPLRLRLLAGPSDKALSFVLKENDSGEVNWDASFMPELHNFLRLQREEEEHLRQILQKYSYCRQ KIQEALHACPLG
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — RASSF1

Entrez GeneID [11186](#)

GeneBank Accession# [NM_007182.2](#)

Protein Accession# [NP_009113.3](#)

Gene Name RASSF1

Gene Alias 123F2, NORE2A, RASSF1A, RDA32, REH3P21

Gene Description Ras association (RalGDS/AF-6) domain family member 1

Omim ID [211980 605082](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein similar to the RAS effector proteins. Loss or altered expression of this gene has been associated with the pathogenesis of a variety of cancers, which suggests the tumor suppressor function of this gene. The inactivation of this gene was found to be correlated with the hypermethylation of its CpG-island promoter region. The encoded protein was found to interact with DNA repair protein XPA. The protein was also shown to inhibit the accumulation of cyclin D 1, and thus induce cell cycle arrest. Seven alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations OTTHUMP00000195503|Ras association (RalGDS/AF-6) domain family 1|Ras association domain family 1|Ras association domain family protein 1|WUGSC:H_LUCA12.5|cardiac-specific ras association domain family 1 protein|pancreas-specific ras association domain fam

Pathway

- [Bladder cancer](#)
- [Non-small cell lung cancer](#)
- [Pathways in cancer](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Fibroadenoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Lung Neoplasms](#)